

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

MAR 29 2004

Electronic Version v18
 Stylesheet Version v18.0

Title of
Invention

Loop Systems And Methods Of Using The Same For
 Conveying And Distributing Thermal Energy Into A Wellbore

Application Number: 10/680901
 Confirmation Number: 6365
 First Named Applicant: David Steele
 Attorney Docket Number: 1391-45200
 Art Unit: 3672



Search string: (6607036 or 6588500 or 6257334 or 6053992
 or 5957202 or 5860475 or 5199497 or 5085275
 or 4641710 or 6433991 or 5613634 or 4619320
 or 20030155111 or 20030155113).pn.



US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

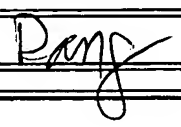
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	6607036	2003-08-19	Ranson et al.		166	302
<input checked="" type="checkbox"/>	2	6588500	2003-07-08	Lewis		166	61
<input checked="" type="checkbox"/>	3	6257334	2001-07-10	Cyr et al.		166	272.7
<input checked="" type="checkbox"/>	4	6053992	2000-04-25	Wu et al.		148	402
<input checked="" type="checkbox"/>	5	5957202	1999-09-28	Huang		166	272.3
<input checked="" type="checkbox"/>	6	5860475	1999-01-19	Ejiogu et al.		166	245
<input checked="" type="checkbox"/>	7	5199497	1993-04-06	Ross		166	381
<input checked="" type="checkbox"/>	8	5085275	1992-02-04	Gondouin		166	303
<input checked="" type="checkbox"/>	9	4641710	1987-02-10	Klinger		166	303
<input checked="" type="checkbox"/>	10	6433991	2002-08-13	Deaton et al.		361	191
<input checked="" type="checkbox"/>	11	5613634	1997-03-25	Veronesi et al.		236	101
<input checked="" type="checkbox"/>	12	4619320	1986-10-28	Adnyana et al.		166	65.1

US Published Applications

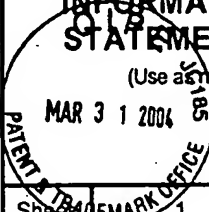
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init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20030155111	2003-08-21	Vinegar et al.		166	59
	2	20030155113	2003-08-21	Mitchell et al.		166	68.5

Signature

Examiner Name	Date
	8/16/2005

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) 		Application Number	10/680,901
		Filing Date	October 6, 2003
		First Named Inventor	David Joe Steele
		Art Unit	3672
		Examiner Name	Not Assigned <i>H. Dong</i>
Sheet 1 of 3	Attorney Docket Number	2003-IP-012001 (1391-45200)	

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
<i>eh</i>	AA	GB 2 385 078	08/13/2003	Baker Hughes		
<i>eh</i>	AB	GB 2 371 578A	07/31/2002	Baker Hughes		
<i>eh</i>	AC	EP 0 841 510 B1	01/09/2002	Matsushita		
<i>eh</i>	AD	EP 0 841 510 A1	05/13/1998	Matsushita		
<i>eh</i>	AE	EP 0 697 315 A3	04/15/1998	Daewoo		
<i>eh</i>	AF	EP 0 697 315 A2	02/21/1996	Daewoo		

Examiner Signature	<i>Dong</i>	Date Considered	8/16/2005
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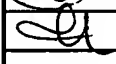


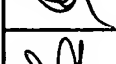
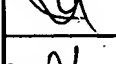

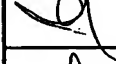

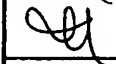

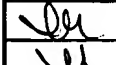
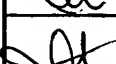
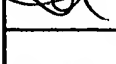
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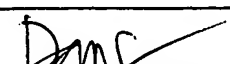
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		Art Unit	3672		
		Examiner Name	N/A		
Sheet	2	of	3	Attorney Docket Number	2003-IP-012001 (1391-45200)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers(s), publisher, city and/or country where published.	T ²
	AA	ANDERSEN, A., et al, "Feasibility Study of Shape Memory Alloys in Oil Well Applications," <i>Sintef Petroleum Research</i> , 01/97, pp. 1-5, 58, 60, 63, 66-67, 83, 85-86.	
	AB	"Design of Fluid Systems, Steam Utilization," <i>Spirax Sarco</i> , 1951, pp. 1-8, 21-27, 68-71.	
	AC	DOAN, L.T., et al, "Performance of the SAGD Process in the Presence of Water Sand- A Preliminary Investigation," <i>Journal of Canadian Petroleum Technology</i> , January 2003, Vol. 42, No.1, pp. 25-41.	
	AD	ERLANDSEN, SIGURD, et al, "World's First Multiple Fiber Optic Intelligent Well," <i>World Oil</i> , March 2003, Vol. 224, No. 3, 8 pages.	
	AE	Figure 9, Typical Steam Circuit, "Design of Fluid Systems: Steam Utilization," <i>Spirax Sarco</i> , Copyright 1985, p. 11.	
	AF	NASR, T.N., et al, "Novel Expanding Solvent-SAGD Process ES-SAGD," <i>Journal of Canadian Petroleum Technology</i> , Technical Note, 4 pages.	
	AG	NASR, T.N., et al, "SAGD Application In Gas Cap and Top Water Oil Reservoir," <i>Journal of Canadian Petroleum Technology</i> , January 6, 2003, pp.32-38.	
	AH	POTMA, J., et al, "Thermal Horizontal Completions Boost Heavy Oil Production," <i>World Oil</i> , February 2003, pp. 83-85.	
	AI	Total Canada- Request for Proposal- SAGD Steam Diversion Systems, Methods, and Cost Estimate, 3 pages.	
	AJ	WALLS, E., et al, "Residual Oil Saturation Inside the Steam Chamber During SAGD," <i>Journal of Canadian Petroleum Technology</i> , January 2003, Vol. 42, No. 1, pp. 39-47.	
	AK	http://www.conocophillips.com/canada/news/032502_gas_bitumen.asp , 10/1/2003, 2 pages.	
	AL	http://www.conocophillips.com/canada/ops/surmont.asp , 10/1/2003, 2 pages.	
	AM	Fluid Injection into Tight Rocks, http://www.132.175.127.176/ngotp/projects/ngotp.cfm?Project ID=OGRT-010 , 8/11/2003.	
	AN	P.C. McKenzie Company, "How does an Amot Thermostic Control Valve Work?" http://www.mckenziecorp.com/amot_valve.htm , 9/4/2003.	

Examiner Signature		Date Considered	8/16/2005
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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				Examiner Name	N/A
Sheet	3	of	3	Attorney Docket Number	2003-IP-012001 (1391-45200)

NON PATENT LITERATURE DOCUMENTS

	AO	GIULIANI, C., et al; "Flow Rate Allocation in Smart Wells"; High-Tech Wells Conference, February 11-13, 2003; Galveston	
	AP	1995 Press Release; "Halliburton Introduces Durasleeve For Easier Shifting, Better Seal and Lower Total Costs"; http://www.halliburton.com/news/archive/1995/hesnws_100995.jsp ; 1 page	
	AQ	Flow Control – Systems and Products – Sliding Sleeves; Baker Hughes; http://www.bakerhughes.com/bot/completions/flow_control/products_sliding.htm ; 1 page	
	AR	Well Dynamics – Transforming Reservoirs Using SmartWell Technology, http://www.welldynamics.com/main.htm ; 8 pages	
	AS	Steam Assisted Gravity Drainage (SAGD); Alberta Energy Research Institute; http://www.aeri.ab.ca/sec/suc_sto/suc_sto_001_2.cfm ; 2 pages	
	AT	In Situ Technology, http://www.energy.gov.ab.ca/com/Sands/Royalty+Info/Royalty+Related+Info/The+Ne , 1 page	
	AU	North American Oil Reserves 2001; Alberta Energy Research Institute, http://www.energy.gov.ab.ca/cmn/docs/Oil_Reserves_2001.pdf ; 2 pages	
	AV	BlackRock Seeks Approval to Develop Orion SAGD Project, http://www1.newswire.ca/releases/August2001/02/c6924.html .	

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